

Title (en)  
METHOD AND APPARATUS FOR MONITORING GRANT CHANNELS IN WIRELESS COMMUNICATION

Title (de)  
ÜBERWACHUNG VON GEWÄHRUNGSKANÄLEN IN EINEM DRAHTLOSEN KOMMUNIKATIONSSYSTEM

Title (fr)  
PROCÉDÉ ET APPAREIL DE SURVEILLANCE DES CANAUX D'OCTROI DANS UNE COMMUNICATION SANS FIL

Publication  
**EP 2062449 A2 20090527 (EN)**

Application  
**EP 07841236 A 20070822**

Priority  

- US 2007076586 W 20070822
- US 83951406 P 20060822
- US 84919806 P 20061003
- US 84287807 A 20070821

Abstract (en)  
[origin: WO2008024889A2] Techniques for monitoring grant channels in a wireless communication network are described. In one design, a user equipment (UE) determines whether a monitoring condition is satisfied, monitors at least one grant channel for grants of radio resources if the monitoring condition is satisfied, and stops monitoring the at least one grant channel if the monitoring condition is not satisfied. The UE may determine that the monitoring condition is satisfied after sending scheduling information indicating that there is data to send, if there is an outstanding grant of radio resources, if a grant of radio resources is expected, if there is at least one scheduled flow and a data buffer for the scheduled flow(s) is not empty, if there is an outstanding grant of radio resources and data transmission has been sent using this grant of radio resources, if there is at least one other control channel to monitor, etc.

IPC 1-7  
**H04Q 7/32**

IPC 8 full level  
**H04W 72/14** (2009.01); **H04B 17/40** (2015.01); **H04W 24/10** (2009.01); **H04W 72/04** (2009.01); **H04W 88/02** (2009.01)

CPC (source: EP KR US)  
**H04B 17/40** (2015.01 - KR); **H04W 24/00** (2013.01 - KR); **H04W 24/10** (2013.01 - EP US); **H04W 48/08** (2013.01 - EP US); **H04W 72/12** (2013.01 - EP US); **H04W 72/23** (2023.01 - EP US); **H04W 88/02** (2013.01 - EP US)

Citation (search report)  
See references of WO 2008024889A2

Citation (examination)  

- US 2004029586 A1 20040212 - LAROA RAJIV [US], et al
- "3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Medium Access Control (MAC) protocol specification (Release 7)", 3GPP STANDARD; 3GPP TS 25.321, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, no. V7.5.0, 1 June 2007 (2007-06-01), pages 1 - 141, XP050367710
- "3rd Generation Partnership Project; Technical Specification Group Radio Access Network; Physical layer procedures (FDD) (Release 7)", 3GPP STANDARD; 3GPP TS 25.214, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, no. V7.5.0, 1 May 2007 (2007-05-01), pages 1 - 84, XP050366876

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